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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/873,176	06/01/2001	Adam Safir	98-14CIP4(R)	2985

7590 05/03/2005

Senniger, Powers, Leavitt & Roedel
One Metropolitan Square
16th Floor
St. Louis, MO 63102

EXAMINER

GORDON, BRIAN R

ART UNIT	PAPER NUMBER
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1743

DATE MAILED: 05/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Supplemental Notice of Allowability	Application No.	Applicant(s)	
	09/873,176	SAFIR ET AL.	
	Examiner	Art Unit	
	Brian R. Gordon	1743	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8-12-04.
2. ☒ The allowed claim(s) is/are 1-66 and 68.
3. ☒ The drawings filed on 12 August 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|--|

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Brian Klein on April 25, 2005.

The claims have been previously indicated as being allowable; however it has been discovered that the Brief Description of the Drawings is missing from the specification.

The application has been amended as follows:

Amendment to the Specification:

Please add the following new section heading and new paragraphs after paragraph [0025]:

BRIEF DESCRIPTION OF THE DRAWINGS

[0025.1] Fig. 1A is a schematic of one embodiment of a reactor of the present invention illustrating a semicontinuous or continuous flow regime having N number of reaction vessels;

[0025.2] Fig. 1B is a schematic of the reactor of Fig. 1A illustrating each feed channel being in independent fluid communication with each reaction vessel;

[0025.3] Fig. 1C is a schematic of the reactor of Fig. 1A illustrating various subsets of the feed channels being in

independent fluid communication with various subsets of the reaction vessels;

[0025.4] Fig. 2A is a schematic of one embodiment of a feed distribution system of the present invention illustrating selective fluid communication between one of the reagent source vessels and the reaction vessels selectively provided through a selection valve;

[0025.5] Fig. 2B is a schematic of the feed distribution system of Fig. 2A illustrating each reagent source vessel configured with a selection valve;

[0025.6] Fig. 2C is a schematic of another embodiment of the feed distribution system of the present invention illustrating a plurality of separate multi-way valves, each valve associated with a particular reagent;

[0025.7] Fig. 2D is a schematic of another embodiment of the feed distribution system of the present invention illustrating in-line premixing of reagents in a common feed line;

[0025.8] Fig. 2E is a schematic of another embodiment of the feed distribution system of the present invention having a single pump and selection valve servicing a plurality of different reagent source vessels;

[0025.9] Fig. 2F is a schematic of another embodiment of the feed distribution system of the present invention having dedicated distribution pumps, non-dedicated distribution valves, and dedicated distribution valves;

[0025.10] Fig. 2G is schematic of another embodiment of the feed distribution system of the present invention having

dedicated distribution pumps and dedicated distribution valves providing dedicated reagent distribution;

[0025.11] Fig. 3A is an elevation of one embodiment of an exemplary shaft-driven stirrer;

[0025.12] Fig. 3B is an elevation of another embodiment of an exemplary shaft-driven stirrer;

[0025.13] Fig. 3C is an elevation of yet another embodiment of an exemplary shaft-driven stirrer;

[0025.14] Fig. 3D is an elevation of still another embodiment of an exemplary shaft-driven stirrer;

[0025.15] Fig. 3E is an elevation of yet another embodiment of an exemplary shaft-driven stirrer;

[0025.16] Fig. 3F is an elevation of a further embodiment of an exemplary shaft-driven stirrer;

[0025.17] Fig. 3G is a perspective of the shaft-driven stirrer of Fig. 3F illustrating one embodiment of a latching mechanism of the stirrer;

[0025.18] Fig. 3H is a perspective of the shaft-driven stirrer of Fig. 3F illustrating the latching mechanism of Fig. 3G;

[0025.19] Fig. 3I is a perspective of the shaft-driven stirrer of Fig. 3F illustrating another embodiment of the latching mechanism of the stirrer;

[0025.20] Fig. 4A is a top plan view of a reactor block of the present invention;

[0025.21] Fig. 4B is a section of the reactor block of Fig. 4A taken through the line A--A of Fig. 4A;

[0025.22] Fig. 4D is a perspective of the reactor block of

Fig. 4A;

[0025.23] Fig. 4E is a perspective of a base block of the present invention;

[0025.24] Fig. 4F is a top plan view of the base block of Fig. 4E;

[0025.25] Fig. 4G is an elevation of the base block of Fig. 4E;

[0025.26] Fig. 4H is an exploded perspective of the reactor block of the present invention;

[0025.27] Fig. 5A is an enlarged, exploded, fragmentary perspective of the reactor block of Fig. 4H;

[0025.28] Fig. 5B is an enlarged, fragmentary perspective of an assembled reactor block of the present invention;

[0025.29] Fig. 5C is an enlarged, fragmentary perspective of a header block of the present invention;

[0025.30] Fig. 5D is an end elevation of a header block illustrating one embodiment of modular feed-line subassemblies;

[0025.31] Fig. 5E is an enlarged perspective of one embodiment of a ferrule of the present invention;

[0025.32] Fig. 5F is a side elevation of the ferrule of Fig. 5E;

[0025.33] Fig. 5G is an end elevation of the ferrule of Fig. 5E;

[0025.34] Fig. 5H is an opposite end elevation of the ferrule of Fig. 5E;

[0025.35] Fig. 6A is an enlarged perspective of a reactor and a parallel feed-line interface of the present invention; and

[0025.36] Fig. 7A is a schematic illustrating one

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embodiment of a process of the present invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian R. Gordon whose telephone number is 571-272-1258. The examiner can normally be reached on M-F, with 2nd and 4th F off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jill Warden can be reached on 571-272-1267. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

brg


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Supervisory Patent Examiner
Technology Center 1700